

## **STATEMENT OF BASIS (AI No. 10104)**

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0114235 to discharge to waters of the State of Louisiana.

**THE APPLICANT IS:** ASCO USA, LLC  
ASCO USA, LLC - Dulac Facility  
3421 North Causeway Blvd. Ste. 502  
Metairie, LA 70002

**ISSUING OFFICE:** Louisiana Department of Environmental Quality (LDEQ)  
Office of Environmental Services  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

**PREPARED BY:** Jenniffer Sheppard  
Water and Waste Permits Division  
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**DATE PREPARED:** December 12, 2005

### **1. PERMIT STATUS**

A. Reason For Permit Action: Proposed reissuance of an Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term following regulations promulgated at LAC 33:IX.2711/40 CFR 122.46\*.

B. NPDES permit - NPDES permit effective date: N/A  
NPDES permit expiration date: N/A

\*EPA has not retained enforcement authority\*

C. LWDPS permit - LPDES permit effective date: March 1, 2001  
LPDES permit expiration date: February 28, 2006

D. Date Application Received: October 5, 2005

### **2. FACILITY INFORMATION**

A. FACILITY TYPE/ACTIVITY - bulk diesel and lube oil transfer facility

According to the application and SIC Code (5171), ASCO USA, LLC is a bulk diesel and lube oil transfer facility.

ASCO USA, LLC submitted a notice of intent (NOI) to discharge under the LPDES Sanitary General Permit. The request to discharge under the general permit has been denied based on compliance history at the sanitary outfall.

#### **B. FEE RATE**

1. Fee Rating Facility Type: minor
2. Complexity Type: II
3. Wastewater Type: III
4. SIC code: 5171

C. LOCATION - 9576 Grand Caillou Road in Dulac, Terrebonne Parish Latitude 29°20'33", Longitude 90°43'57"

### 3. OUTFALL INFORMATION

#### Outfall 001

Discharge Type: discharge of treated sanitary wastewater from the treatment plant located on the northeast side of the facility

Treatment: mechanical treatment plant

Location: at the point of discharge from the sewage treatment plant on the northeast side of the facility (Latitude 29°20'33", Longitude 90°43'57")

Flow: 175 GPD (estimated flow)  
5 employees @ 35 GPD = 175 GPD

Discharge Route: discharged from the treatment plant on the northeast side of the facility into an adjacent slip, thence to Bayou Grand Caillou

### 4. RECEIVING WATERS

STREAM - Bayou Grand Caillou

BASIN AND SEGMENT - Terrebonne Basin, Segment 120508

DESIGNATED USES -  
a. primary contact recreation  
b. secondary contact recreation  
c. propagation of fish and wildlife  
d. oyster propagation

### 5. EXISTING EFFLUENT LIMITS

Outfall 001 - treated sanitary wastewater

Parameter	Monthly Average	Daily Maximum	Monitoring Frequency	Sample Type
Flow - GPD	---	Report	1/6 months	Estimate
BOD <sub>5</sub>	---	45 mg/L	1/6 months	Grab
TSS	--	45 mg/L	1/6 months	Grab
Fecal Coliform col/100 ml	---	43	1/6 months	Grab
pH	6-9 s.u.		1/6 months	Grab

Outfalls 002 and 003 - intermittent stormwater runoff

Parameter	Monthly Average	Daily Maximum	Monitoring Frequency	Sample Type
Flow - GPD	---	Report	1/3 months	Estimate
TOC	---	50 mg/L	1/3 months	Grab
Oil & Grease	---	15	1/3 months	Grab
pH	6-9 s.u.		1/3 months	Grab

## 6. PROPOSED CHANGES FROM PREVIOUS LPDES PERMIT

Outfall 001 - sanitary wastewater monitoring frequency has been changed from 1/6 months to 1/quarter for all parameters based on compliance history at this outfall.

Outfalls 002 and 003 - these outfalls have been removed from the permit. Since Outfalls 002 and 003 are composed entirely of stormwater and not permitted prior to February 4, 1987, the outfalls fall under the stormwater exemption in LAC 33:IX.2511.A.1. Please Note: the stormwater pollution prevention plan has been retained from the previous permit.

## 7. PROPOSED PERMIT LIMITATIONS

Outfall 001 - treated sanitary wastewater

Parameter	Monthly Average	Weekly Average	Monitoring Frequency	Sample Type	Regulatory Basis
Flow - GPD	---	Report	1/quarter	Estimate	LAC 33:IX.2707.I.1.b
BOD <sub>5</sub>	---	45 mg/L	1/quarter	Grab	BPJ; current LPDES permit; sanitary general permit
TSS	--	45 mg/L	1/quarter	Grab	BPJ; current LPDES permit; sanitary general permit
Fecal Coliform col/100 ml	---	43	1/quarter	Grab	BPJ; current LPDES permit; sanitary general permit
pH	6-9 s.u.		1/quarter	Grab	BPJ; current LPDES permit; sanitary general permit

BPJ - Best Professional Judgement  
 s.u. - Standard Units

**Treatment:** mechanical sewage treatment plant

**Limitations/permit Requirements:** A weekly average reporting requirement for flow has been established. This requirement was retained from the previous LPDES permit. The following weekly average limitations were also established: BOD<sub>5</sub> of 45 mg/L, TSS of 45 mg/L, Fecal coliform of 43 colonies/100 ml, and pH of 6 to 9 standard units. These limitations were retained from the previous LPDES permit.

**Monitoring Frequency:** Flow, BOD<sub>5</sub>, TSS, Fecal Coliform, and pH have monitoring frequencies established at 1/quarter based on best professional judgment and the ASCO USA, LLC's compliance history.

## 8. COMPLIANCE HISTORY/COMMENTS

### A. Compliance History

A compliance history/DMR review was conducted covering the period of January 2001 through December 2005. There were no open enforcement actions on record.

### B. DMR Review/Excursions

<u>Date</u>	<u>Parameter</u>	<u>Outfall</u>	<u>Reported Value</u>	<u>Permit Limits</u>
01/01/01	Fecal Coliform	001	1400 colonies/100 ml	43 colonies/100 ml
10/01/01	Fecal Coliform	001	950 colonies/100 ml	43 colonies/100 ml
01/01/04	Fecal Coliform	001	235 colonies/100 ml	43 colonies/100 ml
01/01/04	TSS	001	144 mg/L	45 mg/L
01/01/05	Fecal Coliform	001	3500 colonies/100 ml	43 colonies/100 ml
01/01/05	BOD <sub>5</sub>	001	87 mg/L	45 mg/L

## 9. "IT" QUESTIONS - APPLICANT'S RESPONSES

ASCO USA, LLC is a minor facility with no major expansions, therefore, IT Questions were not required to be answered.

## 10. ENDANGERED SPECIES

The receiving waterbody, Subsegment 120508 of the Terrebonne Basin is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated October 21, 2005 from Watson (FWS) to Gautreaux (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

## 11. HISTORIC SITES

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

## **12. TENTATIVE DETERMINATION**

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to a permit for the discharge described in the application.

## **13. PUBLIC NOTICES**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

## **14. STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENT**

The SWP3 requirement has been retained from the previous LPDES permit. SWP3 requirements are outlined in Part II of the permit.

## **15. 303(d)/TMDL Status:**

The Subsegment 120508 is listed on the Final 303(d) list as being impaired with pathogen indicators. Limitations were established for Fecal Coliform to address the pathogen indicator impairment. The limitations established were in accordance with the LPDES Sanitary General Permit and are considered protective of water quality.